

1. The method of making a multilayer tear tape material comprising coextruding a layer comprising thermoplastic resin material and an outer layer comprising adhesive.

2. The method claimed in claim 1 in which the outer layer comprises thermoplastic resin and hot melt adhesive and the adhesive comprises up to and including 25% by weight of the outer layer.

3. The method claimed in claim 2 in which the adhesive is a hot melt adhesive and comprises from 5 to 15% by weight of the outer layer.

4. The method claimed in any one of claims 2 or 3 in which the adhesive comprises ethylene vinyl acetate based adhesive.

5. The method claimed in any one of claims 1, 2 or 3 comprising providing thermoplastic resin material and separately providing thermoplastic resin material and a hot melt adhesive and coextruding the materials to form a tape having at least three layers, an inner layer of thermoplastic resin material and two outer layers comprising thermoplastic resin material and hot melt adhesive.

6. The method claimed in claim 5 in which the hot melt adhesive comprises ethylene vinyl acetate based adhesive.

7. The method claimed in claim 1 in which the adhesive is a pressure sensitive adhesive and comprises up to and including 25% of the thickness of the tape.

8. The method claimed in claim 7 in which the adhesive is a pressure sensitive adhesive and comprises from 1-10% of the thickness of the tape.

9. The method claimed in any one of claims 7 or 8 in which the adhesive comprises styrene-isoprene-styrene based adhesive.

10. The method claimed in any one of claims 1, 7 or 8 comprising providing a pressure sensitive adhesive and separately providing thermoplastic resin material and a release agent and coextruding the adhesive and the mixture to form a tape having one outer layer comprising pressure sensitive adhesive and a second outer layer, opposite the one outer layer, comprising thermoplastic resin material and release agent.

11. The method claimed in claim 10 in which the release agent comprises a silicone polymer.

5 12. The method claimed in claim 11 in which the release agent is an ultra high molecular weight silicone polymer.

13. The method claimed in claim 12 in which the silicone polymer is polydimethylsiloxane.

10 14. The method claimed in claim 13 in which the silicone polymer comprises 0.1 to 5% by weight of the second outer layer.

15. The method claimed in claim 14 in which the silicone polymer comprises 1.25% by weight of the second outer layer.

16. Ultrasonic sealing apparatus for bonding a thermoplastic resin tear tape to thermoplastic resin packaging material and for embossing indicia thereon comprising an ultrasonic transducer and an anvil roll rotatably mounted in close proximity to the transducer in which the roll has indicia representative of information formed in relief in the surface of the roll, the indicia aligned with the path of the tear tape as it is to be moved with the packaging between the transducer and the roll, whereby operation of the transducer heats the tape and packaging to bond together and to deform into and to be embossed with the indicia.

25 17. The apparatus claimed in claim 16 in which the indicia have a relief depth in the roll surface in the range from 0.0005 to 0.005 inches.

18. The apparatus claimed in either one of claims 16 or 17 in which a flanged guide roll is positioned in front of the anvil roll to guide the tape in the path.

30 19. The apparatus claimed in claim 18 in which the indicia are centered on the path of the tape.

35 20. The method of embossing indicia on thermoplastic resin tear tape as it is adhered to thermoplastic resin packaging material comprising the steps of passing the tape and the packaging material over an anvil roll having indicia representative of information formed in

relief in the surface of the roll, heating the tape and packaging material and thereby sealing the tape to the packaging material and causing the tape and packaging material to deform into the indicia, thereby embossing the indicia onto the tape.

- 5 21. The method claimed in claim 20 including the step of guiding the tape in the path of the indicia on the anvil roll.

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